| Index of Claims | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | |

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/806,871 | DIMPSEY ET AL. |
| Examiner | Art Unit |

| √ | Rejected | |
|---|----------|--|
| = | Allowed | |

| - | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| [| Interference |

Arpan P. Savla

| A | Appeal |
|---|----------|
| 0 | Objected |

2185

| Cla | im | Date | | | | | | | | |
|----------|--|--|--|----------|----------|----------|-------------------------------------|--------------|--------------|--------------|
| | | \vdash | | | | | | | | |
| Final | Original | 9/18/06 | 3/14/07 | | | | | | | |
| | 1 2 3 4 5 | ファ | ファ | | | | | | | |
| | 2 | 1 | ✓ | _ | | | | | | |
| | 3 | 1 | 1 | | | | | | | |
| | 4 | 1 | 1 | | | | | | | |
| | 5 | 1 | \ \ | | L | | | | | |
| | 6 | 1 | 1 | | | | | | | |
| | 7 | 1 | 1 | | | | | | | |
| | 8 | 1 | 1 | | | | | | | |
| | 9 | 1 | V | | | | | | | |
| | 10 | 1 | 1 | L | | | | | | |
| | 11 | 1 | 1 | | | | | | | |
| | 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 | 1 | 1 | | _ | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L. | L | |
| | 13 | 1 | V | | | | | $oxed{oxed}$ | $oxed{oxed}$ | Ш |
| | 14 | 1 | √ | | | | | | | |
| | 15 | 1 | V | L | | | | | | |
| | 16 | 1 | V | | | | | | L | |
| | 17 | 1 | V | | <u> </u> | | | | L | |
| | 18 | 1 | 1 | <u> </u> | | | L | | | |
| | 19 | 1 | V | L | _ | | | | | |
| | 20 | 1 | V | L | | | | | | _ |
| | 21_ | 1 | √ | L | _ | | | | | _ |
| | 22 | 1 | 1 | L | L | | L | | | _ |
| | 22 23 24 25 26 27 28 29 30 31 | 1 | 1 | | <u> </u> | | | | _ | |
| | 24 | 1 | 1 | L | _ | | | | L | |
| | 25 | | | _ | L | | | _ | _ | |
| | 26 | | _ | _ | | | _ | <u>_</u> | | |
| | 27 | | _ | _ | _ | | _ | _ | _ | |
| | 28 | | _ | _ | _ | | <u> </u> | <u> </u> | _ | $oxed{oxed}$ |
| • | 29 | _ | 匚 | L | _ | | <u> </u> | _ | | |
| | 30 | _ | $ldsymbol{ld}}}}}}$ | oxdot | _ | | | | | |
| | 31 | | | | | | <u> </u> | _ | L_ | _ |
| | 32 | | | _ | | | _ | | | |
| <u> </u> | 33 34 35 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | $oxed{oxed}$ | <u> </u> | |
| <u> </u> | 34 | | <u> </u> | <u> </u> | | Ш | _ | \vdash | <u> </u> | <u> </u> |
| <u> </u> | 35 | | <u> </u> | <u> </u> | _ | _ | <u> </u> | \vdash | <u> </u> | L_ |
| <u> </u> | 36 37 | <u> </u> | <u> </u> | <u> </u> | _ | | <u> </u> | <u> </u> | <u> </u> | \vdash |
| <u> </u> | 37 | <u> </u> | ┞ | <u> </u> | | L | _ | _ | <u> </u> | <u> </u> |
| | 38 | _ | | | | | _ | | _ | _ |
| <u> </u> | 39 | <u> </u> | <u> </u> | | | L_ | _ | _ | L | |
| | 40 | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | | <u> </u> | <u> </u> | |
| | 41 | _ | _ | <u> </u> | | | | <u> </u> | <u> </u> | \vdash |
| <u> </u> | 42 | <u> </u> | <u> </u> | _ | | _ | <u> </u> | \vdash | <u> </u> | _ |
| <u> </u> | 43 | <u> </u> | <u> </u> | _ | <u> </u> | L | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| | 44 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | L | | <u> </u> | | \vdash |
| <u> </u> | 45 | _ | <u> </u> | | <u> </u> | | _ | \vdash | <u> </u> | _ |
| <u> </u> | 46 | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| | 47 | | <u> </u> | L | | L | | | | \vdash |
| L | 48 | _ | L. | <u>L</u> | L_ | | | | _ | _ |
| | 49 | _ | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | \perp | _ | L_ |
| I | 50 | 1 | | 1 | | | ı | ı | ı | |

| Cla | Claim | | Date | | | | | | | | | |
|----------|----------------------|--------------|----------|--------------|--------------|----------|--|-------------------------------------|--|----------|--|--|
| Final | Original | | | | ٠ | | | | | | | |
| - | 0 | | | | | | | | | | | |
| | 51 | | | | | | | | | | | |
| | 52 | | | _ | | | | | | Ш | | |
| | 52 53 54 55 | | | | | | | | | Ш | | |
| | 54 | $oxed{oxed}$ | _ | | | | | L | _ | Н | | |
| | 55 | <u> </u> | <u> </u> | | | | | H | \vdash | _ | | |
| - | 56 | | ⊢ | | | \vdash | - | | \vdash | | | |
| - | 57 58 | ├ | \vdash | | | - | | | \vdash | | | |
| | 59 | ├─ | - | ├ | \vdash | | \vdash | - | ├ | Н | | |
| | 60 | \vdash | ┝ | - | - | | \vdash | ┢ | - | - | | |
| | 61 | - | | | | | H | ┢ | \vdash | | | |
| | 62 | Т | ┪ | | | | \vdash | \vdash | \vdash | | | |
| | 63 | | | Г | | | Г | Г | Г | | | |
| | 64 | Г | | | | | | | | | | |
| | 65 | | | | | | | | | | | |
| | 66 | | | | | | | | | | | |
| | 67 | | | L | _ | | | | | | | |
| | 68 | L | _ | _ | _ | _ | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | | | |
| | 69 | _ | | _ | <u> </u> | <u> </u> | | _ | _ | Ш | | |
| | 70 | <u> </u> | _ | _ | ┝ | _ | <u> </u> | <u> </u> | _ | - | | |
| - | 71 72 73 | <u> </u> | <u> </u> | \vdash | <u> </u> | | ┝ | | - | _ | | |
| - | 73 | | | \vdash | ├- | | ├ | \vdash | | - | | |
| \vdash | 74 | - | ┢ | \vdash | ┝ | - | ┢ | - | | | | |
| | 74 75 | \vdash | - | \vdash | \vdash | | _ | _ | l – | | | |
| | 76 | | | | | | | Г | Г | | | |
| | 77 | | | | | | | | | | | |
| | 78 | | | | | | | | | | | |
| L | 79 | | | _ | _ | _ | <u> </u> | | L | | | |
| | 80 | _ | _ | | <u> </u> | _ | <u> </u> | <u> </u> | | | | |
| _ | 81 | | L | | <u> </u> | - | _ | | | _ | | |
| | 82 83 | | _ | \vdash | - | \vdash | ⊢ | - | | | | |
| | 84 | \vdash | \vdash | - | \vdash | \vdash | \vdash | \vdash | - | \vdash | | |
| — | 85 | | - | \vdash | \vdash | \vdash | | | | Н | | |
| | 86 | \vdash | \vdash | | ┢ | \vdash | \vdash | H | | | | |
| | 87 | Г | Г | _ | | Г | | | Γ | | | |
| | 88 | | | | | | | | | | | |
| | 89 | | | | | | | | | | | |
| | 90 | | L | | | | | | | _ | | |
| | 91 | <u> </u> | _ | | L | | | _ | L | <u> </u> | | |
| <u> </u> | 92 | <u> </u> | _ | _ | <u> </u> | <u> </u> | \vdash | <u> </u> | \vdash | | | |
| <u> </u> | 93 | - | - | - | <u> </u> | \vdash | <u> </u> | _ | \vdash | | | |
| - | 94 95 | - | - | - | ├- | - | ├- | ├ | - | - | | |
| - | 96 | \vdash | \vdash | | | - | ┝ | ├ | - | - | | |
| \vdash | 97 | - | - | | | \vdash | ┢ | H | | | | |
| - | 98 | - | \vdash | \vdash | | | H | \vdash | | | | |
| | 99 | Г | | Т | Т | | | H | Ι- | | | |
| | 100 | | | | | | | | | | | |
| | | | | _ | _ | _ | | | | | | |

| Te F F F F F F F F F | Cli | aim | Date | | | | | | | \neg | |
|---|--------------|----------|--------------|--------------|----------|--------------|----------|--------------|----------|----------|------------------|
| 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 144 145 146 147 148 149 | | | | | | T | | | | | \sqcap |
| 107 | Final | Original | | | | | | | | | |
| 107 | | 101 | | | | | | | | | |
| 107 | | 102 | Ш | _ | | | | \Box | | | |
| 107 | | 103 | | | | | | | | _ | - |
| 107 | | 104 | Н | | _ | | | | | | Н |
| 107 | | 106 | \vdash | _ | - | _ | | - | | | H |
| 108 | | 107 | \vdash | | | _ | | - | | | |
| 110 | | 108 | | | | | - | _ | _ | | |
| 110 | | 109 | | | | | | | | | |
| 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 110 | | | | | | | | | |
| 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 111 | $oxed{oxed}$ | | | | | | | | Ш |
| 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 112 | _ | _ | | _ | _ | | _ | | Ш |
| 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 113 | _ | <u> </u> | _ | | _ | _ | _ | _ | - |
| 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 115 | \vdash | - | Н | | | | | _ | Н |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 116 | | _ | | | | - | | | Н |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 117 | | - | | | | | _ | | H |
| 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 149 149 | | 118 | | | | | | | | | П |
| 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 119 | | | | | | | | | |
| 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 120 | | | | | | | | | |
| 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 121 | | | | | | | _ | _ | Ш |
| 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 122 | | _ | \perp | _ | _ | _ | _ | | Ш |
| 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 123 | | _ | L | | _ | _ | _ | | Н |
| 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 124 | | | _ | _ | H | | - | _ | Н |
| 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 125 | | | | | ┢ | - | - | _ | Н |
| 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 127 | - | - | H | | | | - | | Н |
| 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | <u> </u> | 128 | | | | | | | | | П |
| 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 129 | | | | | | | | | |
| 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 130 | | | | | | | | | |
| 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 131 | | | | | | | | L | |
| 134 | | 132 | _ | | _ | <u> </u> | | _ | <u> </u> | | |
| 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | _ | 133 | _ | _ | \vdash | <u> </u> | | | <u> </u> | | H |
| 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 134 | | <u> </u> | - | - | <u> </u> | | - | ⊢ | Н |
| 137 138 139 140 141 142 143 144 145 146 147 148 | | 136 | | | ┢ | - | - | <u> </u> | - | | Н |
| 138 139 140 141 142 143 144 145 146 147 148 149 | | 137 | - | | H | | | \vdash | \vdash | | |
| 140 141 142 143 144 145 146 147 148 149 | | 138 | | \vdash | - | _ | | \vdash | - | \vdash | |
| 140 141 142 143 144 145 146 147 148 149 | | 139 | | | | | | | | | |
| 142 143 144 145 146 147 148 149 | | 140 | | | | | | | | | |
| 143 144 145 146 147 148 149 | | | | | | | | | oxdot | | |
| 144 145 146 147 148 149 | <u> </u> | | | L | L | _ | | _ | _ | _ | Щ |
| 145 146 147 148 149 | <u> </u> | | <u> </u> | L | \vdash | _ | <u> </u> | <u> </u> | <u> </u> | _ | |
| 146 147 148 149 | <u> </u> | | H | <u> </u> | - | <u> </u> | - | \vdash | \vdash | ├- | - |
| 147 148 149 | | | - | - | H | - | - | ├- | - | \vdash | \vdash |
| 148 | | | H | \vdash | ┢ | - | ┢ | \vdash | \vdash | \vdash | \vdash |
| 149 | | | \vdash | \vdash | _ | | - | \vdash | | \vdash | |
| | | | | Γ | Τ | | | Γ | \vdash | | |
| | | | | | | | | | | | |